

DEPARTMENT OF GEOGRAPHY

CHANDIDAS MAHAVIDYALAYA

ESTD. - 1972. A Govt. Aided General Degree College
Affiliated to The University of Burdwan. UGC
Accredited under section 2(f) & 12(B)[1979]. NAAC Re-
Accredited in 2016.



Khujutipara,
Birbhum
West Bengal,
India - 731215

Ref. No.....

Date.....

Distribution of Syllabus (NEP)

Session: 2023 - 2024; 4- Yr./3Yr. Major in Geography

SEMESTER - I



COURSE 1: GEOG 1011: GEOTECTONICS AND GEOMORPHOLOGY

Topic	Lecture Hour	Teacher
UNIT I: Concepts in Geotectonic		
1. Earth's crust and interior: Internal structure with seismological evidences	5	IM
2. Theories of Isostasy: Airy & Pratt	4	IM
3. Continental Drift: Evidences, criticism and importance	5	AG
4. Sea floor spreading: Process, evidences (Palaeomagnetism)	5	IM
5. Plate Tectonics: Mechanism of movements, vulcanism, genesis of earthquake and Mountain building	6	AG
6. Folds and Faults: Origin and classification	5	IM
UNIT II: Fundamentals of Geomorphology		
1. Fundamental principles of Geomorphology	4	KM
2. Denudational processes and resultant landforms : Weathering and Mass movement	5	KM
3. Theories of landscape evolution: Davis, Penck, and Hack	6	MR
4. Slope development: Theories of King and Wood	4	KM
5. Processes and landforms: Fluvial and Coastal	6	MR
6. Drainage development on Uniclinal and folded structure	5	KM

SEC: GEOG 1051: COMPUTER BASICS AND COMPUTER APPLICATIONS (Practical)

Topic	Lecture Hour	Teacher
1. Numbering Systems; Binary Arithmetic	10	AG
2. Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	25	KM
3. Moving Averages, Derivation of Correlation, Covariance and regression; Selection of technique and interpretation.	25	KM
4. Preparation of annotated diagrams and its interpretation: Scatter diagram and Histogram	20	MR
5. Internet surfing: generation and extraction of information	10	IM

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Deptt. of Geography
Chandidas Mahavidyalaya
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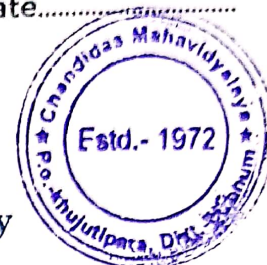
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SEMESTER - II

COURSE II: GEOG 2012: POPULATION AND SETTLEMENT GEOGRAPHY

Sl. No.	Unit Name /Topic Name	Lecture Hour	Teacher
Unit 1: Population Geography		30	
1	Development of Population Geography; Relation between Population	4	AG
2	Determinants of Population Dynamics: Fertility, Mortality and Migration	4	AG
3	Measures of Fertility and Mortality	5	IM
4	Migration: Theories, Causes and Types	5	IM
5	Theories of population growth: Malthus and Marx; Demographic Transition Theory (Thompson and Notestein)	6	KM
6	Population Composition (Age-Sex; Occupational Structure); Population policies (India and Sweden)	6	KM
Unit 2: Settlement Geography		30	
1	Development of Settlement Geography	4	MR
2	Characteristics of Rural Settlement: Site, Situation, types and Pattern	5	MR
3	Morphology of rural Settlements	6	IM
4	Urban Settlements: Census Definition, Urban Agglomeration; Urban	4	IM
5	Urban Morphology: Classical Models of Burgess, Hoyt, Harris and Ullman	6	KM
6	Central place theory and Hierarchy of settlements; Urban primacy	5	KM

SEC: GEOG 2052: FIELD SURVEY TECHNIQUES (Theory)

SL No.	Unit Name /Topic Name	Lecture Hour	Teacher
1	Fieldwork in Geographical studies – Role and significance, Selection of study area and objectives, Pre-field preparations, Ethics of fieldwork	10	IM
2	Preparation of Survey Schedule and Questionnaires (open, closed, structured, non-structured)	8	KM
3	Interview with special reference to focused group discussions	7	KM
4	Field techniques and tools: Landscape survey using transects and quadrants, constructing a sketch, photo and video recording	10	AG
5	Collection of samples. Preparation of inventory from field data. Post-field tasks	10	MR

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